

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 10/086,831

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A power system management method comprising:
~~a step of changing a function of an equipment control apparatus from outside of said equipment control apparatus by means of~~ via a secure communication method, where said equipment control apparatus, configured to control facility equipment, is being provided on a side of said facility equipment, said facility equipment comprising a power system; and of higher security than that of a monitoring system operating via a Web communication net:
obtaining internal information about said equipment control apparatus via a Web communication to monitor a state of said power system from said internal information, where a monitoring control apparatus is being provided outside of the equipment control apparatus,
wherein the secure communication is a higher security communication than the Web communication.
~~said equipment control apparatus being provided on the side of facility equipments;~~
~~constituting a power system and controlling said facility equipments; and~~
~~said monitoring control apparatus being provided outside of said equipment control apparatus and obtaining internal information about said equipment control apparatus via the Web communication net to monitor a state of said power system from said internal information.~~

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 10/086,831

2. (currently amended): The power system management method according claim 1, wherein different communication lines are provided for the secure a communication of higher security than that of the monitoring system operating via said and the Web communication net of the monitoring control apparatus is carried out by using a communication line different from said Web communication net.

3. (currently amended): The power system management method according to claim 2, wherein, after conducting a confirmatory communication via said a communication line for the secure communication, the function of said equipment control apparatus is changed via said Web communication ~~net~~ from outside of said equipment control apparatus.

4. (currently amended): The power system management method according to claim 2, wherein, as to the function of the equipment control apparatus exerting any effect at least on operation of the power system, the function of said equipment control apparatus is changed from outside of said equipment control apparatus via said a communication line for the secure communication.

5. (currently amended): The power system management method according to claim 1, wherein the function of said equipment control apparatus is changed from at least one of a product supply-side base that supplies at least one of said facility equipments equipment and said equipment control apparatus, and a power supply-side base.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 10/086,831

6. (currently amended): The power system ~~control~~management method according to claim 2, wherein ~~an~~the equipment control apparatus; ~~comprises~~comprising an internal memory to which access is performed via ~~said~~a communication line for the secure communication ~~changing the function of said equipment control apparatus~~ and a common memory to which access is performed via said Web communication net, ~~is used as said equipment control apparatus.~~

7. (currently amended): A power system management system comprising:
an equipment control apparatus that controls facility equipment and that is provided on ~~the~~a side of the facility equipments constituting equipment, the facility equipment comprising a power system ~~and controls said facility equipments; and~~

a monitoring control apparatus that is provided outside of said equipment control apparatus and that obtains internal information about said equipment control apparatus,
wherein the monitoring control apparatus operates ~~operating~~ via a Web communication net to monitor a state of said power system from said internal information, and;

wherein a communication system of higher security than ~~that of the monitoring system~~ operating via said the Web communication net for the monitoring control apparatus is further provided ~~so that to said equipment control apparatus is changed~~ change, from outside of said equipment control apparatus, in a function of said equipment control apparatus from outside of said equipment control apparatus,

wherein ~~by means of~~ an electronic terminal of at least one of a product supply-side base that supplies at least one of said facility equipments ~~equipment~~ and said equipment control

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 10/086,831

apparatus, and a power supply-side base, is used to change, from the outside of said equipment control apparatus, the function of the equipment control apparatus.

8. (currently amended): The power system management system according to claim 7, wherein ~~as a communication line is used in a~~ the communication system of the higher security than that of the monitoring system operating via said Web communication net, and wherein the communication line is a dedicated line ~~is built between the electronic terminal of the at least one of said product supply-side base and power supply-side base, and said equipment control apparatus.~~

9. (currently amended): The power system management system according to claim 7, wherein said equipment control apparatus ~~includes~~ comprises a function enabling to change the function of said equipment control apparatus via said Web communication net ~~from the outside of said equipment control apparatus after conducting a confirmatory communication via said communication system.~~

10. (original): The power system management system according to claim 7, wherein the function of the equipment control apparatus ~~excrting~~ an effect at least on operation of the power system is changed via said communication system.

11. (currently amended): The power system management system according to claim 8, wherein said communication line, depending on a switch ~~artificially ON/OFF controlled~~, makes

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 10/086,831

a connection between the electronic terminal of the at least one of said product supply-side base and power supply-side base, and said equipment control apparatus, and wherein the switch is configured to turn on and off and is artificially controlled.

12. (currently amended): The power system management system according claim 11, wherein said switch ~~artificially ON/OFF controlled~~ is provided in at least one of said product supply-side base and power supply-side base and on the side of said equipment control apparatus, and wherein, depending on any one of these said switches, an the electronic terminal of at least one of said product supply-side base and power supply-side base and said equipment control apparatus are connected to each other.

13. (currently amended): The power system management system according to claim 11, wherein said switch ~~artificially ON/OFF controlled~~ is provided in each of said product supply-side base and power supply-side base and on the side of said equipment control apparatus, and wherein, depending on both of one of the switches of the product supply-side base, the power supply-side base and the equipment control apparatus in said respective bases and the switch on the side of mentioned equipment control apparatus, one of the electronic terminals of said product supply-side base, said power supply-side base respective bases and said equipment control apparatus are connected to each other.

14. (currently amended): The power system management system according to claim 11, wherein said switch ~~artificially ON/OFF controlled~~ is provided in each of said product supply-

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 10/086,831

side base and power supply-side base and on the side of said equipment control apparatus, and wherein, depending on all of the switches in said respective bases and the switch on the side of mentioned equipment control apparatus, at least one of the electronic terminals of said respective bases and said equipment control apparatus are connected to each other.

15. (currently amended): The power system ~~administration-management~~ system according to claim 7, wherein;

said equipment control apparatus ~~includes~~ comprises a CPU managing the function ~~thereof~~,

said CPU ~~including~~ comprises an internal memory and a common memory,

said internal memory is ~~being~~ capable of being accessed via said communication system, and

said common memory ~~being~~ is capable of being accessed via said Web communication ~~net~~.

16. (currently amended): The power system ~~administration-management~~ system according to claim 15, wherein the common memory is only for reading with respect to the access via said Web communication ~~net~~.

17. (new): A power system management system comprising:
an equipment control apparatus controlling facility equipment;

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 10/086,831

a monitoring control apparatus acquiring information about the equipment control apparatus, where the monitoring control apparatus is remote from the equipment control apparatus;

a change control apparatus changing settings of the equipment control apparatus;

a web communication network transmitting data to and from the monitoring control apparatus and the equipment control apparatus; and

a dedicated communication network transmitting data to and from the equipment control apparatus and the change control apparatus,

wherein the change control apparatus is an electrical terminal located in at least one of a product supply-side base that supplies at least one of said facility equipment and said equipment control apparatus, and a power supply-side base, and

wherein the monitoring control apparatus is an electrical terminal remote from the equipment control apparatus.

18. (new): The power system management system according to claim 17, wherein the equipment control apparatus comprises a common memory storing information about the equipment control apparatus being provided to the monitoring control apparatus and an internal memory storing information being changed by the change control apparatus, and wherein, when the equipment control apparatus receives a confirmation via the dedicated communication network, the equipment control apparatus permits the change control apparatus to change the settings of the equipment control apparatus.